

09/18/01



J1132 U.S. PTO

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UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket	960296.97478	
		First Inventor	Alan D. Attie	
		Title	Expression of Genes in Diabetes Mellitus and Insulin Resistance	
		Express Mail Label No.	EF092266015US	
APPLICATION ELEMENTS <small>See MPEP Chapter 600 concerning utility patent application contents.</small>		ADDRESS TO: Commissioner for Patents Box Patent Application Washington, D.C. 20231		
1. <input checked="" type="checkbox"/> Fee transmittal Form <small>(Submit an original and a duplicate for fee processing)</small>		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
2. <input type="checkbox"/> Applicant claims small entity status See 37 CFR 1.27.		8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small>		
3. <input checked="" type="checkbox"/> Specification [Total Pages <input]<br="" type="text" value="21"/> <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none">- Descriptive title of the invention- Cross References to Related Applications- Statement Regarding Fed Sponsored R&D- Reference to sequence listing, a table or a computer program listing appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings <i>(if filed)</i>- Detailed Description- Claim(s)- Abstract of the Disclosure		a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on <ul style="list-style-type: none">i. <input type="checkbox"/> CD-ROM or CD-R (2 Copies); orii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies		
4. <input type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <input]<="" td="" type="text" value="1"/> <td colspan="2" rowspan="4">ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(where there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return receipt postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified copy of priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Other:</td>		ACCOMPANYING APPLICATION PARTS 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(where there is an assignee)</small> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return receipt postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified copy of priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Other:		
5. Oath or Declaration [Total Pages <input]<ul="" type="text" value="3"/> a. <input checked="" type="checkbox"/> Newly unexecuted (original or copy) b. <input type="checkbox"/> Copy from prior Application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small><ul style="list-style-type: none">i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed Statement attached deleting inventor(s) named in prior application, see 37CFR 1.63(d)(2) and 1.33(b).				
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76				
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76 <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application no. <input type="text" value="1"/> Prior application information: Examiner: <input type="text"/> Group/Art Unit: <input type="text"/>				
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.				
18. CORRESPONDENCE ADDRESS				
<input type="checkbox"/> Customer Number or Bar Code Label <input type="text" value="(Insert Customer No. or Attach bar code label here)"/> or <input checked="" type="checkbox"/> Correspondence address below				
NAME	Nicholas J. Seay Quarles & Brady LLP			
ADDRESS	1 South Pinckney Street P.O. Box 2113			
CITY	Madison	STATE	WI	
COUNTRY	USA	TELEPHONE	608/251-5000	
		ZIP CODE	53701-2113	
		FAX	608/251-9166	

Name	Nicholas J. Seay	Registration No. (Attorney/Agent)	27,386
Signature		Date:	September 18, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. QBMA/313670

**FEE TRANSMITTAL
FOR FY 2001**

Patent fees are subject to annual revision.

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Alan D. Attie
Group Art Unit	
Examiner Name	
Attorney Docket Number	960296.97478

TOTAL AMOUNT OF PAYMENT \$ 1,270.00

METHOD OF PAYMENT (check one)

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 17-0055

Deposit Account Name Quarles & Brady LLP

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					(\$ 710.00)

2. CLAIMS

		Extra	Fee from below	Fee Paid
Total Claims	11	-20**= 0	X	
Independent	10	-3**= 7	X	80 = 560
Multiple Dependent Claims				


** or number previously paid, if greater, For reissues see below

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,240	241	620	Petition to revive unintentionally abandoned application	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
146	710	246	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	270	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
* Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$).00

SUBMITTED BY

Typed or Printed Name	Nicholas J Seay	Registration No. (Attorney/Agent)	27,386	Telephone	608/251-5000
Signature		Date	September 18, 2001		

Complete (if applicable)



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Madison
Milwaukee
Naples
Phoenix
Tucson

September 18, 2001

Commissioner for Patents
Box Patent Application
Washington DC 20231

Re: Filing New Patent Application

Dear Sir:

Enclosed for filing please find a new patent application entitled:

EXPRESSION OF GENES IN DIABETES MELLITUS AND INSULIN RESISTANCE

by Alan D. Attie
Samuel T. Nadler

The undersigned hereby certifies that this document is being deposited with the United States Postal Service today, September 18, 2001, by the "Express Mail" service, utilizing Express Mail label number EF092266015US, addressed to: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Please indicate receipt of this application by returning the attached postcard with the official Patent and Trademark Office receipt and serial number stamped thereon.

Respectfully submitted,

Mara Bridgman

Enclosures
QBMAD\313662

09955367-091801

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

09/20/2001 SDIRETA1 00000017 170055 09955367

01 FC:101	710.00 CH
02 FC:102	480.00 CH

PTO-1556
(5/87)

*U.S. GPO: 1999-459-082/19144